Managing Water in the West

MT DROUGHT ADVISORY COMMITTEE MEETING

RESERVOIR AND RIVER OPERATIONS

June 19, 2008









Managing Water in the West





Managing Water in the West

Lima Reservoir

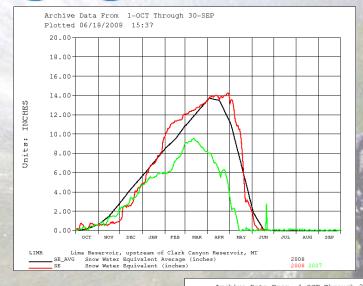
Inflows to Lima are near average

Snowpack essentially melted out

Storage @ 100% of average & 76% full

Releases are being maintained @ about 530 cfs

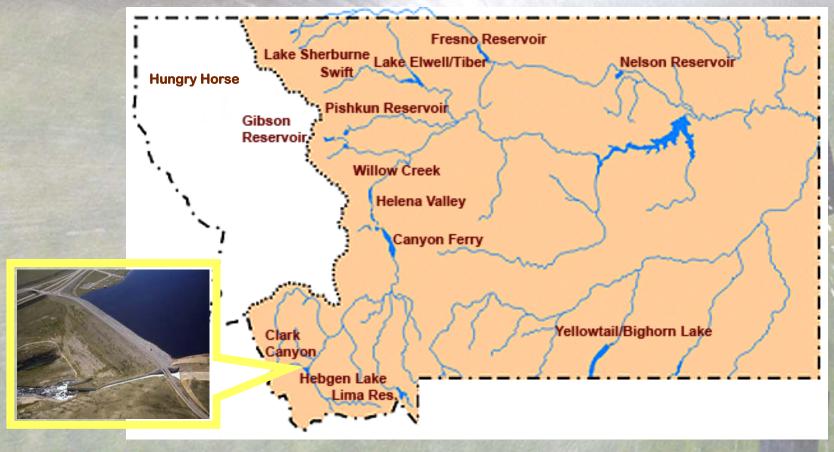
Water supply outlook is expected to be similar to that experienced last year and water users are expected to receive a full water supply out of Lima in 2008







Managing Water in the West





Managing Water in the West

Clark Canyon Reservoir

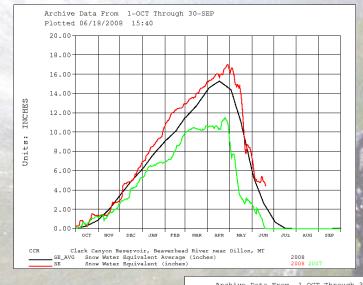
Inflows to Clark Canyon are 40% of average

Snowpack @ 194% of average

Storage @ 119,400 af, 72% of average, 68% full, and 2.13 ft or 8963 af more than last year

Releases are @ 570 cfs

Water supply outlook is expected to be similar to last year and EBID & CCWSC are expected to receive near full water supplies in 2008







Managing Water in the West



Managing Water in the West

Hebgen Reservoir (PPL-MT)

Currently releasing 1,570 cfs to Madison River

Snowpack @ 295% of average

Storage @ 101% of average & 94% full

Reservoir is currently at elevation at 6533.2 & slowly filling as the snowmelt runoff continues

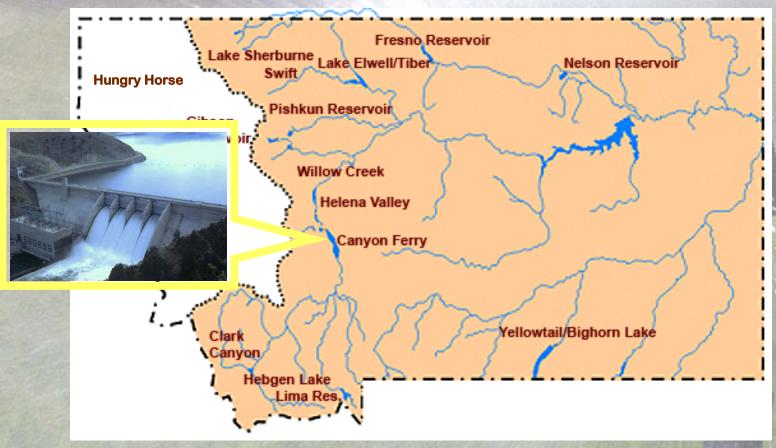
Water supply outlook is good







Managing Water in the West





Managing Water in the West

Canyon Ferry Reservoir

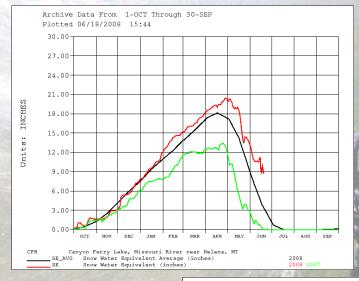
Snowpack @ 255% of average

Storage @ 100% of average, 94% full, & 3.21 ft lower than last year

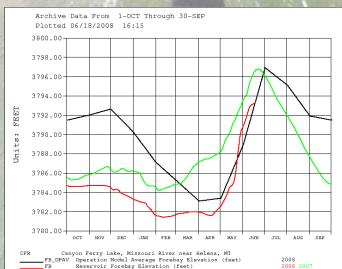
Releases to the Missouri River have been decreased and will be maintained at about 11,500 cfs to control the rate of fill

Expect storage to fill to normal full pool by end of June

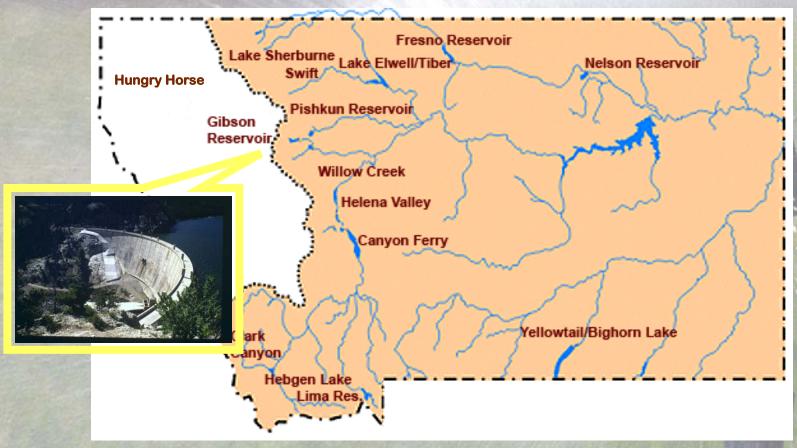
Water supply outlook is good







Managing Water in the West





Managing Water in the West

Gibson Reservoir

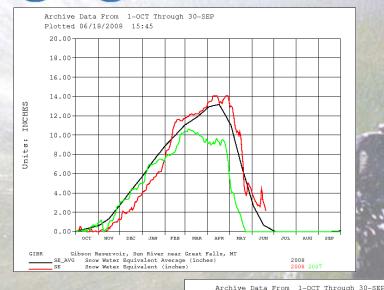
Snowpack @ 397% of average

Storage @ 107% of average, 97% full, and 1.3 ft or 1,693 af more than last year

Storages in Willow Creek & Pishkun Reservoirs are 112% & 105% of average for this time of year

Releasing 3,000 cfs to the Sun River

Expect to fill Gibson this spring and water users are expected to receive full water supplies



Plotted 06/18/2008 16:16

4780.00 4760 00





Managing Water in the West





Managing Water in the West

Tiber Reservoir

Inflows are about 150% of average

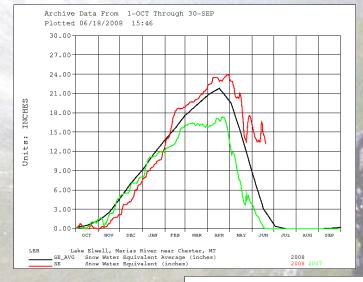
Snowpack @ 519% of average

Storage @ 103% of average, 97% full and 8.31 ft higher than last year

Currently releasing a flow of about 1,000 cfs until the reservoir fills

Expect to fill Tiber to the top of the normal full pool in late June

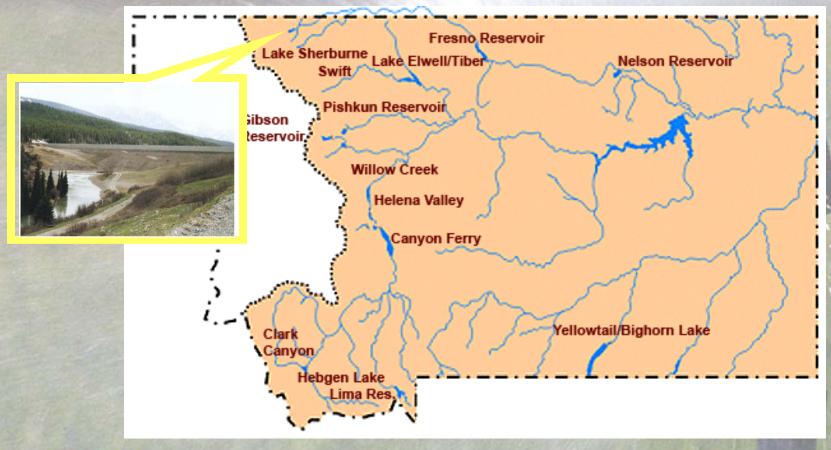
Water supply outlook is good







Managing Water in the West





Managing Water in the West

Lake Sherburne

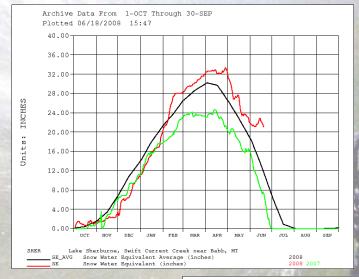
Inflows are about 140% of average

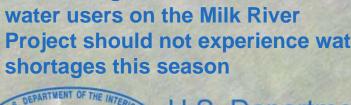
Snowpack @ 181% of average

Storage @ 137 percent of average, 86% full, and 3.6 feet or 5,714 af higher than last year

Releases from Lake Sherburne are being gradually increased to about 650 cfs and we are currently diverting water from St. Mary River Basin to Milk River @ rate of 570 cfs

With storage at near full levels, Project should not experience water





BUREAU OF RECLAMAT



Managing Water in the West





Managing Water in the West

Fresno Reservoir

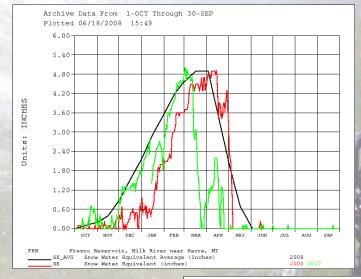
Currently diverting 570 cfs from St. Mary Basin to Milk River

Storage @ 143% of average, 98% full, and 0.45 ft or 21,000 af lower than last year

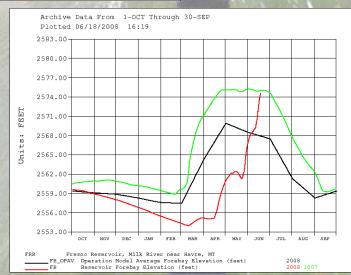
Currently releasing 144cfs to the Milk River and are expected to be increased

Storage is expected to the top of the normal full pool @elevation 2575 soon

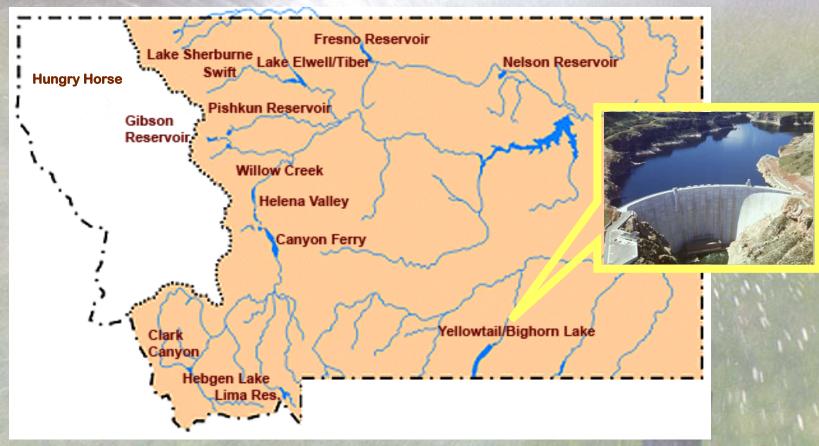
Water users on the Milk River Project should not experience water shortages this season







Managing Water in the West





Managing Water in the West

Bighorn Lake (Yellowtail Reservoir)

Inflows @ about 150% of average

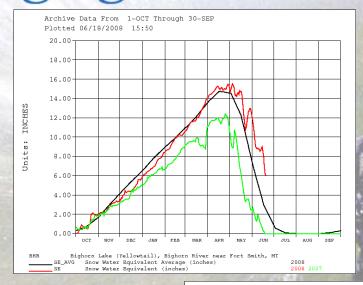
Snowpack @ 235% of average

Storage @ 106% of average, 94% full, and 2.22 feet lower than last year

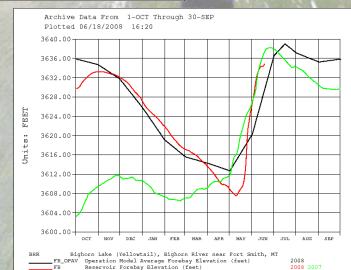
Releasing 9,700 cfs to Bighorn River

Water supply outlook is good

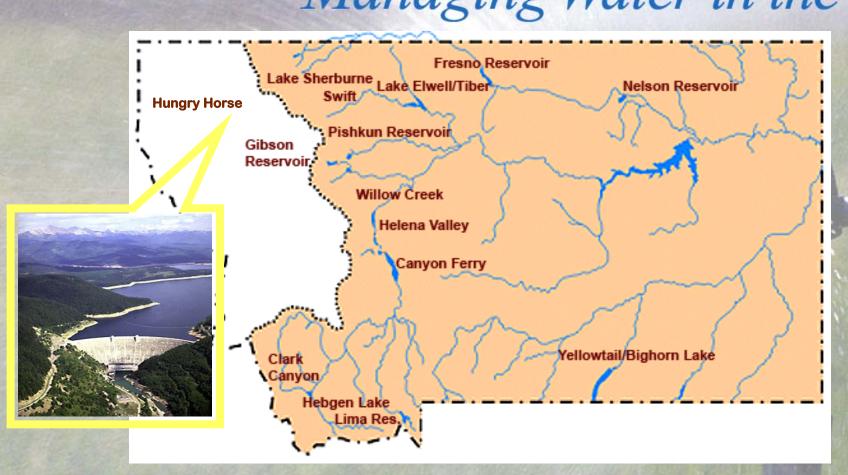
Expect to fill Bighorn Lake shortly and hope to maintain a release greater than 2,500 cfs the remainder of the year







RECLANIATION Managing Water in the West





Managing Water in the West

Hungry Horse Reservoir

Snowpack @ 385% of average

Storage @ 104% of average & 91% full

Currently releasing about 6,750 cfs to river

Plans are to fill Hungry Horse by the end of June







Managing Water in the West

Summary of Reservoir Conditions

June 18, 2008 June-July Forecast 1,000 Acre-Feet

RESERVOIR NAME	CONTENT KAF	% OF AVG	SNOW WATER CONTENT	% OF AVG	JUNE-JULY KAF FORECAST	% OF AVG
Clark Canyon	119,411	72	4.41	194	47	74
Canyon Ferry	1,772,331	100	8.66	255	1,355	122
Gibson	93,442	107	2.18	397	318	119
Lake Elwell	895,478	103	13.18	519	257	101
Lake Sherburne	56,882	137	21.05	181	67	107
Fresno Reservoir	90,706	143	N.A.	N.A	78	96
Bighorn Lake	1,009,287	106	6.04	235	991	141

